| | Claims | |
|------|--------|--|
| | | |

Application/Control No.

10/668,290

Examiner

Everett White

Applicant(s)/Patent under Reexamination

FUKUSHIMA ET AL.

Art Unit

1623

| √ | Rejected |
|---|----------|
| = | Allowed |

(Through numeral) Cancelled Restricted

Non-Elected Interference

Appeal 0 Objected

| | ш | | | | | ! | | Щ | L | | | | | _ | | | 1 | Ь— | — | - |
|-------------------|----------|-----------------|----------|---|--------------|--------------|--------------|--|--------------|-----|--------------|----------|-----------------|----------|----------|---|----------|----------|----------|---|
| Claim | Date | | | | |) (| Claim Date | | | | | | | | _ | | | | | |
| | - | | 1 | | Jall | - | 1 | F | | | Ciè | | | - | _ | | Jan | <u> </u> | | Г |
| Final Original | اوا | | | | | | | | 1 | 1 | - | Original | | | | | | | | İ |
| Final | 2/2/06 | ı | | | | | | | | | Final | į | | | | | | | | |
| " ŏ | 2 | - | | | | ľ | | | | | ъ. | ō | | | | | | Ì | İ | |
| 1-1-1 | \vdash | -+ | \dashv | _ | | - | \vdash | - | | 1 1 | | 51 | | \neg | | | | - | ┢ | t |
| 1 1 | \vdash | \dashv | ╅ | _ | _ | | \vdash | - | - | | | 52 | | - | _ | | | \vdash | \vdash | t |
| | Н | 十 | | _ | | | ┢ | | - | 1 1 | | 53 | | \neg | | | | _ | H | t |
| | Н | 一十 | 7 | | | | _ | T | \vdash | 1 1 | | 54 | | \neg | | | - | | | T |
| 5 | | 十 | 十 | _ | | | \vdash | \vdash | _ | 1 1 | | 55 | | | | | | _ | Г | T |
| 6 | П | _ | \dashv | | | | \vdash | | | | | 56 | | | | _ | | | | T |
| 1 | П | 一 | 十 | | | | | Г | | 1 1 | | 57 | | | | | | | | T |
| B | | 一十 | T | _ | | | \vdash | | \vdash | | | 58 | | | | | | | | Γ |
| 9 | V | | 寸 | | | | | | | 1 1 | | 59 | \Box | | | | | | Г | T |
| 10 | П | $\neg \uparrow$ | \neg | | | | \vdash | | | 1 | | 60 | | | | | | Г | Г | Γ |
| 11 | П | | ╅ | | | | | | | | | 61 | | | | | | | | Γ |
| 12 | П | | Т | | | | Г | Γ | Г | 1 1 | | 62 | П | | | | | | | Γ |
| 13 | П | | 7 | | | | | | | 1 1 | | 63 | | | | | | | | Γ |
| 14 | П | \neg | ヿ | | | Г | Γ | | | 1 1 | | 64 | | | | | | | | Γ |
| 15 | П | | T | | | | | | | 1 | | 65 | | | | | | | | Γ |
| 16 | П | | | | | | | | |] [| | 66 | | | | | | | | Γ |
| 17 | П | | | | | | | | |] [| | 67 | | | | | | | | Γ |
| 18 | | | | | | | | | |] [| | 68 | | | | | | | | L |
| 19 | | | | | | | | | | | | 69 | | | | | | | | L |
| 20 | | | | | | | | | | | | 70 | | | | | | | | L |
| 21 | | | | | | | | | | | | 71 | | | | | | | | L |
| 22 | | | | | | | | | |] [| | 72 | | | | | | L_ | <u> </u> | L |
| 23 | | | | | | | | | | | | 73 | | | | | L | | L_ | L |
| 24 | | | | | | _ | | | <u> </u> | | | 74 | | _ | | | | _ | | L |
| 25 | Ш | | | _ | | | L | _ | <u> </u> | | | 75 | | | _ | | | _ | | L |
| 26 | Ш | | _ | _ | | L | _ | _ | | | | 76 | Ц | | | | | _ | | L |
| 27 | Ш | \perp | _ | | | L | _ | _ | _ | | | 77 | | _ | | | | | | L |
| 28 | Ш | | _ | | | | | | <u> </u> | | | 78 | | _ | _ | _ | | <u> </u> | | L |
| 29 | Ш | | \perp | | | L | L | _ | _ | | | 79 | | | _ | | | Ц. | L | L |
| 30 | Ш | | _ | | | _ | ļ | _ | | | | 80 | | _ | | | | | | Ļ |
| 31 | Ш | _ | _ | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 81 | | _ | | _ | _ | _ | | Ļ |
| 32 | Ш | \rightarrow | _ | | <u>_</u> | <u> </u> | <u> </u> | <u> </u> | _ | | | 82 | | _ | _ | | | | | Ļ |
| 33 | Ш | _ | _ | | _ | _ | ļ | <u> </u> | _ | | | 83 | | | | | | _ | <u> </u> | Ļ |
| 34 | Ш | \perp | \dashv | _ | <u> </u> | <u> </u> | _ | _ | ₩ | | | 84 | \sqcup | _ | \sqcup | _ | <u> </u> | | | ╀ |
| 35 | \vdash | \dashv | \dashv | | <u> </u> | <u> </u> | - - | — | \vdash | | | 85 | | _ | _ | | | _ | <u> </u> | ╀ |
| 36 | Ш | _ | \dashv | _ | _ | ₩ | | — | | | | 86 | $\vdash \vdash$ | _ | _ | | <u> </u> | <u> </u> | - | ╀ |
| 37 | | \dashv | \dashv | _ | | | \vdash | <u> </u> | ├ | | | 87 | \vdash | _ | | | | ⊢ | ├- | ╀ |
| 38 | | -+ | - | | - | | <u> </u> | - | \vdash | | | 88 | \vdash | _ | \vdash | | | ⊢ | ├ | ╀ |
| 39 | Н | - | \dashv | _ | ⊢ | \vdash | ļ | | \vdash | | | 89 | | _ | \vdash | | <u> </u> | ├- | - | ╀ |
| 40 | \vdash | + | \dashv | _ | <u> </u> | <u> </u> | | \vdash | \vdash | | | 90 | | - | \vdash | _ | | ├ | | ╀ |
| 41 | \vdash | + | \dashv | _ | | | | <u> </u> | \vdash | | | 91 | \vdash | | \vdash | | - | | | ╀ |
| 42 | | + | + | - | \vdash | \vdash | \vdash | | \vdash | | | 92 93 | \vdash | \dashv | \vdash | | - | ├ | ⊢ | ╀ |
| 43 | \vdash | \dashv | \dashv | | \vdash | \vdash | | — | \vdash | | | 93 | \vdash | - | H | | H | - | - | ╁ |
| 44 | \vdash | \dashv | \dashv | _ | \vdash | ⊢ | ├- | - | - | | | 95 | \vdash | _ | \vdash | _ | ⊢ | \vdash | ⊢ | ╁ |
| 45 46 | \vdash | \dashv | \dashv | | | - | \vdash | - | ⊢ | | | 96 | Н | - | - | _ | | ├- | \vdash | ╁ |
| 46 | \vdash | \dashv | \dashv | | | \vdash | - | | ├─ | | | 97 | - | - | \dashv | _ | \vdash | \vdash | \vdash | H |
| 48 | \vdash | \dashv | + | _ | - | ├- | \vdash | - | | | | 98 | | | \dashv | | - | ├ | \vdash | ╁ |
| 48 | Н | -+ | | | - | \vdash | \vdash | - | \vdash | { | | 99 | \vdash | | | | - | \vdash | \vdash | t |
| 50 | H | + | + | | - | - | - | ┨ | ⊢ | | | 100 | \vdash | - | \dashv | _ | \vdash | - | ├─ | H |
| 1 30 | ш | | | | | <u></u> | <u> </u> | | Щ. | 1 | _ | 100 | | | | | Щ | | Щ | _ |

| | _ | | | | 264 | | | | - | |
|----------|----------|-------------------------------------|----------|--|----------|----------|----|----------|----------|----------|
| Cla | um | <u> </u> | | _ | | Date | | | | |
| Final | Original | | | | | | | | | |
| | 51 | | _ | | | | _ | | _ | |
| | 51 52 | | _ | | П | | | | | |
| | 53 | | | | Г | | | | | |
| | 54 | | | T | | - | | | | _ |
| | 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | | | | | | |
| | 60 | | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | | | | | | |
| L | 66 | | | | | | | | | |
| <u></u> | 67 | | | L. | _ | | | | | |
| \perp | 68 69 | | | _ | | | | | | |
| · | 69 | | | _ | | | | | | |
| - | 70 | Щ | | L | | _ | | | _ | |
| | 71 72 | Ш | | <u> </u> | | | | | | |
| | 72 | Ш | L., | _ | | | | | | |
| <u> </u> | 73 | Н | \vdash | L | Щ | _ | _ | | | _ |
| - | 74 | - | | | | | | | | |
| | 75 | \vdash | _ | _ | - | | _ | | \vdash | _ |
| | 76 77 | Н | ⊢ | H | _ | | - | | - | |
| | 78 | | _ | _ | - | _ | - | _ | - | |
| - | 79 | | _ | _ | - | | - | | | - |
| | 80 | | - | - | \vdash | | - | | - | _ |
| - | 81 | | \vdash | | H | | | _ | | |
| | 82 | H | - | - | - | - | _ | _ | | |
| — | 82 83 | \vdash | \vdash | H | - | _ | | _ | | _ |
| | 84 | \vdash | \vdash | Т | Н | \vdash | Н | \vdash | | - |
| | 85 | | \vdash | Т | \vdash | т | _ | | Г | |
| | 86 | | | | Г | | Т | | | _ |
| | 87 | \vdash | Г | | Г | | | | | |
| | 88 | | | Г | | | | | | |
| | 89 | | | Г | Г | | | | | |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | | | | | | | |
| | 95 | | 匚 | | | | | | \Box | |
| | 96 | | | _ | <u> </u> | Ц. | _ | <u> </u> | <u>L</u> | |
| | 97 | <u> </u> | | | | L | L. | | <u>L</u> | |
| | 98 | _ | L | | | _ | L | | _ | _ |
| | 99 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | L_ | _ | | | L_ | <u> </u> |
| 1 | 100 | ı | ١ ' | 1 | | l i | ı | | | I |

| Cla | Date | | | | | | | | | | |
|----------|---|--------------|----------|--|----------|--|--------------|----------|--|-----------------|--|
| Final | Original | | | | | | | | | | |
| | 101 | | | | | | | | - | H | |
| | 101 102 103 | | | | | _ | | | | Н | |
| | 103 | | | | | | Г | | | \Box | |
| | 104 | | | | | | | | | | |
| | 105 106 | | | | | | | | | | |
| | 106 | | | | | | | | | Ш | |
| | 107 | | | L | | _ | | | _ | Щ | |
| | 108 109 | | | | _ | <u>. </u> | - | - | <u> </u> | Ы | |
| | 110 | | | _ | H | | | <u> </u> | | H | |
| | 111 | | - | ⊢ | ├ | | | - | - | Н | |
| \vdash | 112 | - | _ | \vdash | \vdash | _ | \vdash | Ι | \vdash | \vdash | |
| \vdash | 113 | \vdash | <u> </u> | - | \vdash | - | <u> </u> | \vdash | Н | H | |
| | 113 114 115 | | | \vdash | Н | | П | _ | | \vdash | |
| | 115 | | | Г | | | | | | | |
| | 116 117 | | | | | | | | | | |
| | 117 | | | | | | | | | | |
| | 118 | | | | | | | | | | |
| | 119 | | | <u> </u> | | _ | | | _ | Ш | |
| | 120 | | | | H | _ | | | L | Щ | |
| | 121 | | | _ | \vdash | _ | \vdash | <u> </u> | | \vdash | |
| | 122 | | | | \vdash | - | - | - | - | Н | |
| | 119 120 121 122 123 124 125 126 127 128 129 | | | | H | | \vdash | _ | | H | |
| - | 125 | _ | _ | ┢ | \vdash | \vdash | \vdash | _ | | Н | |
| | 126 | _ | | \vdash | П | | \vdash | \vdash | _ | | |
| | 127 | _ | | | | | | \Box | \vdash | | |
| | 128 | | | | | | | | | | |
| | 129 | | | | | | | | | Ш | |
| | 130 131 | | _ | _ | | _ | <u> </u> | | <u> </u> | Щ | |
| | 131 | | _ | _ | _ | _ | _ | <u> </u> | | Щ | |
| | 132 133 134 | | _ | \vdash | | _ | <u> </u> | <u> </u> | <u> </u> | Н | |
| | 133 | | - | <u> </u> | H | _ | <u> </u> | | ⊢ | $\vdash \vdash$ | |
| - | 135 | | ├─ | \vdash | \vdash | _ | ⊢ | ⊢ | ├─ | \vdash | |
| \vdash | 135 136 137 | | - | - | \vdash | _ | | - | \vdash | Н | |
| | 137 | _ | \vdash | - | <u> </u> | _ | - | | | Н | |
| | 138 | _ | _ | | - | | | | | П | |
| | 138 139 | | | | | | | | | П | |
| | 140 | | | | | | | | | | |
| | 141 | | | | | Ĺ | | | L | Ш | |
| <u> </u> | 142 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | L | L | Ш | |
| | 143 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | | _ | dash | |
| <u> </u> | 144 | | <u> </u> | - | \vdash | <u> </u> | | - | | $\vdash \vdash$ | |
| | 145 146 | ⊢ | \vdash | ├ | - | <u> </u> | ⊢ | \vdash | - | \vdash | |
| | 147 | - | \vdash | - | \vdash | \vdash | \vdash | - | \vdash | $\vdash \vdash$ | |
| | 148 | \vdash | \vdash | | \vdash | \vdash | \vdash | | \vdash | H | |
| | 149 | \vdash | 一 | \vdash | \vdash | \vdash | Г | Т | \vdash | Н | |
| | 150 | | | | | | | | | | |
| | | _ | | _ | _ | _ | _ | | | | |